

Table 8. Incidence rates¹ of nonfatal occupational illnesses by selected industries and category of illness, California, 2016

Industry ²	NAICS code ³	Incidence rates per 10,000 full-time workers ¹					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
All industries including state and local government⁴		24.4	3.3	1.5	0.2	1.3	18.1
Private industry⁴		18.1	2.5	1.0	0.1	1.1	13.5
Goods-producing⁴		22.4	3.8	1.5	--	3.3	13.7
Natural resources and mining^{4,6}		42.7	9.1	1.8	(⁵)	3.1	28.4
Agriculture, forestry, fishing and hunting⁴		45.4	9.8	1.9	(⁵)	3.0	30.4
Crop production ⁴	111	56.8	9.0	3.0	(⁵)	--	38.7
Animal production and aquaculture ⁴	112	11.5	--	(⁵)	(⁵)	(⁵)	6.7
Forestry and logging	113	--	(⁵)	(⁵)	(⁵)	(⁵)	--
Support activities for agriculture and forestry	115	42.5	11.2	1.5	(⁵)	--	27.7
Mining, quarrying, and oil and gas extraction⁶		(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Oil and gas extraction	211	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Mining (except oil and gas) ⁷	212	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Support activities for mining	213	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Construction		7.5	2.1	2.4	(⁵)	(⁵)	3.0
Construction		7.5	2.1	2.4	(⁵)	(⁵)	3.0
Construction of buildings	236	--	--	--	(⁵)	(⁵)	(⁵)
Heavy and civil engineering construction	237	13.7	3.4	--	(⁵)	(⁵)	6.1
Specialty trade contractors	238	6.1	1.2	--	(⁵)	(⁵)	3.5
Manufacturing		24.7	3.1	0.9	--	5.1	15.2

See footnotes at end of table.

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		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Manufacturing		24.7	3.1	0.9	--	5.1	15.2
Food manufacturing	311	29.5	1.9	(⁵)	(⁵)	9.0	18.0
Beverage and tobacco product manufacturing	312	30.8	(⁵)	--	--	7.0	13.1
Textile mills	313	--	--	(⁵)	(⁵)	(⁵)	(⁵)
Apparel manufacturing	315	--	(⁵)	--	(⁵)	(⁵)	--
Leather and allied product manufacturing	316	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Wood product manufacturing	321	96.2	--	(⁵)	(⁵)	77.7	14.3
Paper manufacturing	322	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Printing and related support activities	323	--	(⁵)	(⁵)	(⁵)	(⁵)	--
Petroleum and coal products manufacturing	324	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Chemical manufacturing	325	61.5	9.1	(⁵)	(⁵)	--	50.4
Plastics and rubber products manufacturing	326	31.1	--	--	(⁵)	5.5	--
Nonmetallic mineral product manufacturing	327	8.3	(⁵)	(⁵)	(⁵)	(⁵)	--
Primary metal manufacturing	331	45.7	(⁵)	(⁵)	(⁵)	--	22.5
Fabricated metal product manufacturing	332	16.9	3.5	--	(⁵)	7.8	2.8
Machinery manufacturing	333	15.6	(⁵)	(⁵)	(⁵)	(⁵)	15.2
Computer and electronic product manufacturing	334	13.8	1.1	--	(⁵)	--	10.4
Electrical equipment, appliance, and component manufacturing	335	14.8	7.1	(⁵)	(⁵)	(⁵)	6.7
Transportation equipment manufacturing	336	14.0	3.3	(⁵)	(⁵)	3.0	7.1
Furniture and related product manufacturing	337	76.1	--	--	(⁵)	--	--
Miscellaneous manufacturing	339	38.0	2.8	--	(⁵)	(⁵)	33.5
Service-providing		16.9	2.1	0.8	(⁵)	0.5	13.5
Trade, transportation, and utilities⁸		16.1	1.6	0.6	0.1	1.4	12.4
Wholesale trade		6.5	(⁵)	--	(⁵)	(⁵)	6.1
Merchant wholesalers, durable goods	423	7.6	(⁵)	(⁵)	(⁵)	(⁵)	7.4
Merchant wholesalers, nondurable goods	424	7.3	(⁵)	--	(⁵)	(⁵)	6.5

See footnotes at end of table.

Table 8. Incidence rates¹ of nonfatal occupational illnesses by selected industries and category of illness, California, 2016

Industry ²	NAICS code ³	Incidence rates per 10,000 full-time workers ¹					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Retail trade		15.4	2.3	0.7	0.1	(⁵)	12.2
Motor vehicle and parts dealers	441	23.3	2.5	--	--	(⁵)	19.5
Furniture and home furnishings stores	442	--	--	(⁵)	(⁵)	(⁵)	--
Electronics and appliance stores	443	--	(⁵)	(⁵)	(⁵)	(⁵)	--
Building material and garden equipment and supplies dealers	444	--	(⁵)	(⁵)	(⁵)	(⁵)	--
Food and beverage stores	445	19.0	3.1	(⁵)	(⁵)	(⁵)	15.7
Health and personal care stores	446	33.5	--	--	(⁵)	(⁵)	--
Clothing and clothing accessories stores	448	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Sporting goods, hobby, book, and music stores	451	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
General merchandise stores	452	15.1	2.4	1.0	(⁵)	(⁵)	11.4
Miscellaneous store retailers	453	24.3	--	(⁵)	(⁵)	(⁵)	16.4
Transportation and warehousing⁸		31.7	2.0	1.0	(⁵)	7.3	21.4
Air transportation	481	71.8	5.8	(⁵)	(⁵)	41.0	21.8
Truck transportation	484	13.6	(⁵)	--	(⁵)	(⁵)	--
Transit and ground passenger transportation	485	20.1	--	(⁵)	(⁵)	(⁵)	5.0
Support activities for transportation	488	21.9	(⁵)	(⁵)	(⁵)	--	12.5
Couriers and messengers	492	109.6	(⁵)	(⁵)	(⁵)	--	92.6
Warehousing and storage	493	8.2	(⁵)	(⁵)	(⁵)	(⁵)	7.1
Utilities		22.3	(⁵)	(⁵)	(⁵)	(⁵)	22.3
Utilities	221	22.3	(⁵)	(⁵)	(⁵)	(⁵)	22.3
Information		15.3	1.1	--	(⁵)	(⁵)	13.5
Information		15.3	1.1	--	(⁵)	(⁵)	13.5
Publishing industries (except internet)	511	3.0	(⁵)	(⁵)	(⁵)	(⁵)	2.4
Broadcasting (except internet)	515	13.0	--	--	(⁵)	(⁵)	--

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Table 8. Incidence rates¹ of nonfatal occupational illnesses by selected industries and category of illness, California, 2016

Industry ²	NAICS code ³	Incidence rates per 10,000 full-time workers ¹					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Telecommunications	517	70.7	--	(⁵)	(⁵)	(⁵)	67.0
Finance, insurance, and real estate		12.2	--	1.0	(⁵)	--	10.8
Finance and insurance		16.1	--	--	(⁵)	--	15.0
Real estate and rental and leasing		4.5	(⁵)	1.9	(⁵)	(⁵)	2.5
Real estate	531	4.6	(⁵)	--	(⁵)	(⁵)	3.3
Rental and leasing services	532	--	(⁵)	--	(⁵)	(⁵)	(⁵)
Professional and business services		10.1	0.9	0.3	(⁵)	0.2	8.7
Professional, scientific, and technical services		7.1	(⁵)	0.2	(⁵)	0.2	6.6
Management of companies and enterprises		21.1	--	(⁵)	(⁵)	1.0	18.1
Management of companies and enterprises	551	21.1	--	(⁵)	(⁵)	1.0	18.1
Administrative and support and waste management and remediation services		11.9	2.2	0.4	(⁵)	(⁵)	9.3
Administrative and support services	561	11.4	2.4	(⁵)	(⁵)	(⁵)	8.8
Educational and health services		31.1	4.1	1.7	(⁵)	0.2	25.1
Educational services		19.6	--	(⁵)	(⁵)	(⁵)	13.1
Educational services	611	19.6	--	(⁵)	(⁵)	(⁵)	13.1
Health care and social assistance		32.6	3.8	1.9	(⁵)	0.2	26.8

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Industry ²	NAICS code ³	Incidence rates per 10,000 full-time workers ¹					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Ambulatory health care services	621	20.4	1.3	1.5	(⁵)	--	17.4
Hospitals	622	71.4	8.6	3.2	(⁵)	(⁵)	59.5
Nursing and residential care facilities	623	35.7	5.9	1.9	(⁵)	--	27.6
Social assistance	624	10.0	2.0	--	(⁵)	(⁵)	7.0
Leisure, entertainment, and hospitality		18.4	3.8	0.8	--	(⁵)	13.7
Arts, entertainment, and recreation		38.7	3.3	2.7	(⁵)	(⁵)	32.2
Museums, historical sites, and similar institutions	712	15.8	--	--	(⁵)	(⁵)	(⁵)
Amusement, gambling, and recreation industries	713	49.6	4.3	3.0	(⁵)	(⁵)	41.6
Accommodation and food services		14.5	3.9	0.4	--	(⁵)	10.1
Accommodation	721	24.1	3.8	2.0	(⁵)	(⁵)	18.1
Food services and drinking places	722	12.4	3.9	(⁵)	--	(⁵)	8.3
Other services (except public administration)		7.4	2.9	--	--	(⁵)	2.4
Other services (except public administration)		7.4	2.9	--	--	(⁵)	2.4
Personal and laundry services	812	4.9	1.2	(⁵)	(⁵)	(⁵)	3.7
State and local government⁴		66.6	8.7	5.2	1.1	2.8	48.8
State government⁴		81.7	7.5	5.8	(⁵)	1.3	67.0
Service-providing		81.7	7.5	5.8	(⁵)	1.3	67.0
Educational and health services		31.6	1.6	4.8	(⁵)	(⁵)	24.8
Educational services		22.5	1.1	2.8	(⁵)	(⁵)	18.3

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		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Educational services	611	22.5	1.1	2.8	(⁵)	(⁵)	18.3
Health care and social assistance		66.9	(⁵)	12.6	(⁵)	(⁵)	49.6
Hospitals	622	63.4	(⁵)	10.7	(⁵)	(⁵)	48.3
Nursing and residential care facilities	623	199.8	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Public administration		137.9	14.0	6.9	(⁵)	2.2	114.5
Public administration		137.9	14.0	6.9	(⁵)	2.2	114.5
Executive, legislative, and other general government support	921	10.7	(⁵)	(⁵)	(⁵)	(⁵)	9.7
Justice, public order, and safety activities	922	211.6	10.8	8.7	(⁵)	3.0	188.7
Local government⁴		61.9	--	5.0	1.3	3.3	43.2
Goods-producing⁴		39.1	--	(⁵)	(⁵)	--	--
Construction		39.4	--	(⁵)	(⁵)	--	--
Construction		39.4	--	(⁵)	(⁵)	--	--
Heavy and civil engineering construction	237	39.6	--	(⁵)	(⁵)	--	--
Service-providing		62.1	--	5.0	1.4	3.2	43.4
Trade, transportation, and utilities⁸		24.2	(⁵)	(⁵)	(⁵)	9.7	12.7
Transportation and warehousing⁸		20.4	(⁵)	(⁵)	(⁵)	(⁵)	17.7
Transit and ground passenger transportation	485	17.7	(⁵)	--	(⁵)	(⁵)	14.6

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		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Utilities		--	--	--	--	--	--
Educational and health services		--	--	2.3	--	0.5	--
Educational services		--	--	2.1	--	0.6	--
Educational services	611	--	--	2.1	--	0.6	--
Health care and social assistance		51.0	5.0	3.2	(⁵)	(⁵)	42.4
Hospitals	622	58.9	5.9	3.7	(⁵)	(⁵)	48.9
Nursing and residential care facilities	623	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Leisure, entertainment, and hospitality		104.4	34.1	(⁵)	--	8.4	56.9
Arts, entertainment, and recreation		112.4	36.8	(⁵)	--	9.0	61.2
Performing arts, spectator sports, and related industries	711	--	--	(⁵)	(⁵)	(⁵)	(⁵)
Museums, historical sites, and similar institutions	712	85.7	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Amusement, gambling, and recreation industries	713	122.6	32.8	(⁵)	--	11.5	72.6
Public administration		121.9	12.8	10.0	1.1	6.0	92.0
Public administration		121.9	12.8	10.0	1.1	6.0	92.0
Executive, legislative, and other general government support	921	--	8.5	4.8	2.5	12.0	--
Justice, public order, and safety activities	922	159.8	22.9	17.2	--	4.4	114.5

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		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<div><div>¹ Incidence rates represent the number of illnesses per 10,000 full-time workers and were calculated as: (N/EH) x 20,000,000 where</div><div><div>N</div><div>= number of illnesses</div><div>EH</div><div>= total hours worked by all employees during the calendar year</div><div>20,000,000</div><div>= base for 10,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year).</div></div><div><div>² Totals include data for industries not shown separately.</div><div>³ <i>North American Industry Classification System</i> -- United States, 2012.</div><div>⁴ Excludes farms with fewer than 11 employees.</div><div>⁵ Data too small to be displayed.</div><div>⁶ Data for mining (Sector 21 in the <i>North American Industry Classification System</i>, 2012 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.□</div><div>⁷ Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.</div><div>⁸ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.</div></div><div>NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.</div><div>SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, November 09, 2017</div></div>							